

## C-CEX-GSCXSCNSC

1W LGX Coexistence Element w/GPON, XGSPON, and NGPON2. GPON, XGSPON, NGPON2 w/SC, COM w/ASC

### Features

- GPON, XGSPON, NG-PON2 SC/UPC Adapter
- COM port APC/SC adapter
- 1W LGX



### Product Description

This is a CEx Coexistence Element to combine XGS-PON, GPON, and NG-PON2 traffic on to a single fiber. The CEx is rack mounted into a 1W LGX slot, with SC/UPC adapters for PON ports and SC/APC for the COM port. All of our coexistence elements are 100% compliant and provide a cost effective solution for your network upgrade needs. With our certification test program, we guarantee your product will work correctly the first time.

### Specifications

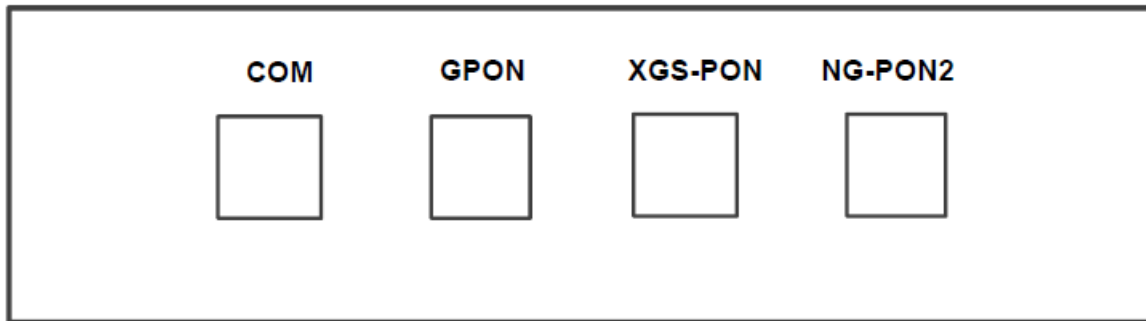
Parameters	Specification	Units	
Wavelength Range	GPON Port	1290~1330&1480~1500	nm
	XGS-PON Port	1260~1280&1575~1581	nm
	NG-PON2 Port	1524~1544 & 1596~1603	nm
Insertion Loss		≤1.5	dB
Isolation	GPON Port	≥30	dB
	XGS-PON Port	≥30	dB
	NG-PON2 Port	≥30	dB
Polarization Dependent Loss		≤0.20	dB
Polarization Mode Dispersion		≤0.20	ps
Return Loss		≥ 45	dB
Directivity		≥50	dB
Maximum Power Handling		≤300	mW

<b>Operating Temperature</b>		-5 to 65	°C
<b>Storage Temperature</b>		-40 to 85	°C
<b>Fiber Type</b>		Corning G657A1 Fiber	
<b>Connector &amp; Adapter Type</b>	COM port	SC/APC	
	GPON & XGS-PON & NG-PON2 Ports	SC/UPC	
<b>Package Dimension</b>		1W LGX BOX	

**Note:**

1. All data is measured with connectors

**Faceplate Layout**



## **About ProLabs**

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

## **Complete Portfolio of Network Solutions**

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

## **Trusted Partner**

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

## **Contact Information**

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